

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method for analyzing a biological sample to detect the presence or absence of cells infected by human papilloma virus (HPV), comprising the steps of:

obtaining a sample from a patient that may comprise cells infected by HPV;

placing said sample in a liquid medium;

passing a said medium containing said sample across a filter to collect cells from said medium on said filter, said filter having a pore size that is greater than a dimension of a HPV particle but smaller than a dimension of a HPV infected cell; and

examining said collected cells to determine if HPV infected cells are present.

Claim 2 (original): The method of claim 1, wherein said pore size is within a range of 0.2 micron to 10 microns.

Claim 3 (original): The method of claim 1, wherein said pore size is approximately 8 microns.

Claim 4-16 (canceled)

Claim 17 (currently amended): The method of claim 1 [4], wherein said cells are epithelial cells.

Claim 18 (currently amended): The method of claim 1[4], wherein said cells are cervical cells.

Claims 19-32 (canceled)